

ABSTRACT OF THE DISCLOSURE

A system for accelerating an object that includes a towing vehicle, a tether connected to the towing vehicle, an object having at least one airfoil connected to the tether and a controller for controlling movement of the object, wherein, the towing vehicle moves in a first direction at a first speed pulling the object in the first direction and the controller controls movement of the object to move the object at an angle to the first direction and accelerate the object to a speed substantially greater than the first speed.